

Xiaopeng Li

List of Publications by Year in descending order

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245
papers

15,311
citations

12330

69
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24258

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248
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248
docs citations

248
times ranked

11618
citing authors

#	ARTICLE	IF	CITATIONS
1	Assembly of micro/nanomaterials into complex, three-dimensional architectures by compressive buckling. <i>Science</i> , 2015, 347, 154-159.	12.6	745
2	Cross-Linked Supramolecular Polymer Gels Constructed from Discrete Multi-pillar[5]arene Metallacycles and Their Multiple Stimuli-Responsive Behavior. <i>Journal of the American Chemical Society</i> , 2014, 136, 8577-8589.	13.7	504
3	A Conductive Self-Healing Hybrid Gel Enabled by Metal-Ligand Supramolecule and Nanostructured Conductive Polymer. <i>Nano Letters</i> , 2015, 15, 6276-6281.	9.1	356
4	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. <i>Journal of the American Chemical Society</i> , 2017, 139, 5067-5074.	13.7	301
5	Hierarchical Self-Assembly of Discrete Organoplatinum(II) Metallacycles with Polysaccharide via Electrostatic Interactions and Their Application for Heparin Detection. <i>Journal of the American Chemical Society</i> , 2015, 137, 11725-11735.	13.7	272
6	Photoswitching topology in polymer networks with metal-organic cages as crosslinks. <i>Nature</i> , 2018, 560, 65-69.	27.8	266
7	A Suite of Tetraphenylethylene-Based Discrete Organoplatinum(II) Metallacycles: Controllable Structure and Stoichiometry, Aggregation-Induced Emission, and Nitroaromatics Sensing. <i>Journal of the American Chemical Society</i> , 2015, 137, 15276-15286.	13.7	260
8	Fluorescent Metallacage-Core Supramolecular Polymer Gel Formed by Orthogonal Metal Coordination and Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , 2018, 140, 7674-7680.	13.7	242
9	Aqueous Platinum(II)-Cage-Based Light-Harvesting System for Photocatalytic Cross-Coupling Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8862-8866.	13.8	237
10	A Giant Surfactant of Polystyrene ⁺ (Carboxylic Acid-Functionalized Polyhedral Oligomeric) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td the American Chemical Society, 2010, 132, 16741-16744.	13.7	235
11	Light-Emitting Superstructures with Anion Effect: Coordination-Driven Self-Assembly of Pure Tetraphenylethylene Metallacycles and Metallacages. <i>Journal of the American Chemical Society</i> , 2016, 138, 4580-4588.	13.7	211
12	Construction of Smart Supramolecular Polymeric Hydrogels Cross-linked by Discrete Organoplatinum(II) Metallacycles via Post-Assembly Polymerization. <i>Journal of the American Chemical Society</i> , 2016, 138, 4927-4937.	13.7	184
13	Real-Time Monitoring the Dynamics of Coordination-Driven Self-Assembly by Fluorescence-Resonance Energy Transfer. <i>Journal of the American Chemical Society</i> , 2017, 139, 9459-9462.	13.7	175
14	Self-Assembled Fluorescent Pt(II) Metallacycles as Artificial Light-Harvesting Systems. <i>Journal of the American Chemical Society</i> , 2019, 141, 14565-14569.	13.7	170
15	Emissive Platinum(II) Cages with Reverse Fluorescence Resonance Energy Transfer for Multiple Sensing. <i>Journal of the American Chemical Society</i> , 2020, 142, 2592-2600.	13.7	166
16	Vapochromic Behavior of a Chair-Shaped Supramolecular Metallacycle with Ultra-Stability. <i>Journal of the American Chemical Society</i> , 2016, 138, 738-741.	13.7	165
17	Design, Synthesis, and Traveling Wave Ion Mobility Mass Spectrometry Characterization of Iron(II)- and Ruthenium(II)-Terpyridine Metallomacrocycles. <i>Journal of the American Chemical Society</i> , 2011, 133, 11967-11976.	13.7	158
18	Self-Assembly and Traveling Wave Ion Mobility Mass Spectrometry Analysis of Hexacadmium Macrocycles. <i>Journal of the American Chemical Society</i> , 2009, 131, 16395-16397.	13.7	151

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19	Breaking Symmetry toward Nonspherical Janus Particles Based on Polyhedral Oligomeric Silsesquioxanes: Molecular Design, "Click" Synthesis, and Hierarchical Structure. <i>Journal of the American Chemical Society</i> , 2011, 133, 10712-10715.	13.7	148
20	A precise polyrotaxane synthesizer. <i>Science</i> , 2020, 368, 1247-1253.	12.6	148
21	Stoichiometric Self-Assembly of Shape-Persistent 2D Complexes: A Facile Route to a Symmetric Supramacromolecular Spoked Wheel. <i>Journal of the American Chemical Society</i> , 2011, 133, 11450-11453.	13.7	147
22	Quantitative self-assembly of a purely organic three-dimensional catenane in water. <i>Nature Chemistry</i> , 2015, 7, 1003-1008.	13.6	146
23	Heterometallic Ru"Pt metallacycle for two-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5664-5669.	7.1	145
24	From Ring-in-Ring to Sphere-in-Sphere: Self-Assembly of Discrete 2D and 3D Architectures with Increasing Stability. <i>Journal of the American Chemical Society</i> , 2015, 137, 1556-1564.	13.7	144
25	Melanin-dot-mediated delivery of metallacycle for NIR-II/photoacoustic dual-modal imaging-guided chemo-photothermal synergistic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16729-16735.	7.1	141
26	Self-assembly of emissive supramolecular rosettes with increasing complexity using multitopic terpyridine ligands. <i>Nature Communications</i> , 2018, 9, 567.	12.8	140
27	Giant Molecular Shape Amphiphiles Based on Polystyrene-Hydrophilic [60]Fullerene Conjugates: Click Synthesis, Solution Self-Assembly, and Phase Behavior. <i>Journal of the American Chemical Society</i> , 2012, 134, 7780-7787.	13.7	138
28	Light-Controlled Generation of Singlet Oxygen within a Discrete Dual-Stage Metallacycle for Cancer Therapy. <i>Journal of the American Chemical Society</i> , 2019, 141, 8943-8950.	13.7	136
29	Organometallic rotaxane dendrimers with fourth-generation mechanically interlocked branches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5597-5601.	7.1	128
30	Coordination-Driven Self-Assembled Metallacycles Incorporating Pyrene: Fluorescence Mutability, Tunability, and Aromatic Amine Sensing. <i>Journal of the American Chemical Society</i> , 2019, 141, 1757-1765.	13.7	126
31	Formation of Planar Chiral Platinum Triangles via Pillar[5]arene for Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2020, 142, 17340-17345.	13.7	125
32	Smart Stimuli-Responsive Spherical Nanostructures Constructed from Supramolecular Metallo-dendrimers via Hierarchical Self-Assembly. <i>Journal of the American Chemical Society</i> , 2014, 136, 5993-6001.	13.7	120
33	Construction of Porphyrin-Containing Metallacycle with Improved Stability and Activity within Mesoporous Carbon. <i>Journal of the American Chemical Society</i> , 2018, 140, 5049-5052.	13.7	115
34	Highly Emissive Perylene Diimide-Based Metallacages and Their Host-Guest Chemistry for Information Encryption. <i>Journal of the American Chemical Society</i> , 2020, 142, 18763-18768.	13.7	114
35	A self-assembled Ru"Pt metallacage as a lysosome-targeting photosensitizer for 2-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20296-20302.	7.1	113
36	Hexagon Wreaths: Self-Assembly of Discrete Supramolecular Fractal Architectures Using Multitopic Terpyridine Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 6664-6671.	13.7	111

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37	From Trigonal Bipyramidal to Platonic Solids: Self-Assembly and Self-Sorting Study of Terpyridine-Based 3D Architectures. <i>Journal of the American Chemical Society</i> , 2014, 136, 10499-10507.	13.7	106
38	Helical Sulfonyl- β -AApeptides with Aggregation-Induced Emission and Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2019, 141, 12697-12706.	13.7	106
39	Probing a Hidden World of Molecular Self-Assembly: Concentration-Dependent, Three-Dimensional Supramolecular Interconversions. <i>Journal of the American Chemical Society</i> , 2014, 136, 18149-18155.	13.7	104
40	Temperature-Responsive Fluorescent Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2018, 140, 7723-7729.	13.7	104
41	Orthogonal Self-Assembly of a Two-Step Fluorescence-Resonance Energy Transfer System with Improved Photosensitization Efficiency and Photooxidation Activity. <i>Journal of the American Chemical Society</i> , 2021, 143, 399-408.	13.7	104
42	Dual stimuli-responsive rotaxane-branched dendrimers with reversible dimension modulation. <i>Nature Communications</i> , 2018, 9, 3190.	12.8	103
43	Endo- and Exo-Functionalized Tetraphenylethylene $M_{12}L_{24}$ Nanospheres: Fluorescence Emission inside a Confined Space. <i>Journal of the American Chemical Society</i> , 2019, 141, 9673-9679.	13.7	103
44	Stoichiometric Self-Assembly of Isomeric, Shape-Persistent, Supramacromolecular Bowtie and Butterfly Structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 7672-7675.	13.7	100
45	Cross-linked AIE supramolecular polymer gels with multiple stimuli-responsive behaviours constructed by hierarchical self-assembly. <i>Polymer Chemistry</i> , 2018, 9, 2021-2030.	3.9	99
46	Self-Assembly of Highly Stable Zirconium(IV) Coordination Cages with Aggregation Induced Emission Molecular Rotors for Live-Cell Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10151-10159.	13.8	99
47	Construction of Supramolecular Liquid-Crystalline Metallacycles for Holographic Storage of Colored Images. <i>Journal of the American Chemical Society</i> , 2020, 142, 6285-6294.	13.7	99
48	Synthesis of Shape Amphiphiles Based on Functional Polyhedral Oligomeric Silsesquioxane End-Capped Poly(L-Lactide) with Diverse Head Surface Chemistry. <i>Macromolecules</i> , 2011, 44, 2589-2596.	4.8	98
49	Combining Orthogonal Chain-End Deprotections and Thiol-Maleimide Michael Coupling: Engineering Discrete Oligomers by an Iterative Growth Strategy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13612-13617.	13.8	97
50	The construction of complex multicomponent supramolecular systems via the combination of orthogonal self-assembly and the self-sorting approach. <i>Chemical Science</i> , 2014, 5, 4554-4560.	7.4	91
51	Alanine-Based Chiral Metallogels via Supramolecular Coordination Complex Platforms: Metallogelation Induced Chirality Transfer. <i>Journal of the American Chemical Society</i> , 2018, 140, 3257-3263.	13.7	91
52	Gradient Tandem Mass Spectrometry Interfaced with Ion Mobility Separation for the Characterization of Supramolecular Architectures. <i>Analytical Chemistry</i> , 2011, 83, 1284-1290.	6.5	90
53	Supramolecular Kandinsky circles with high antibacterial activity. <i>Nature Communications</i> , 2018, 9, 1815.	12.8	88
54	Intra- and intermolecular self-assembly of a 20-nm-wide supramolecular hexagonal grid. <i>Nature Chemistry</i> , 2020, 12, 468-474.	13.6	88

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55	Synthesis, Self-assembly, and Crystal Structure of a Shape-Persistent Polyhedral-Oligosilsesquioxane-Nanoparticle-Tethered Perylene Diimide. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4802-4810.	2.6	83
56	Antifouling Poly(β -peptoid)s. <i>Biomacromolecules</i> , 2011, 12, 2573-2582.	5.4	83
57	Coordination-Assembled Water-Soluble Anionic Lanthanide Organic Polyhedra for Luminescent Labeling and Magnetic Resonance Imaging. <i>Journal of the American Chemical Society</i> , 2020, 142, 16409-16419.	13.7	83
58	Tetraphenylethylene-Based Multicomponent Emissive Metallacages as Solid-State Fluorescent Materials. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12293-12297.	13.8	83
59	Self-Assembly of a Supramolecular, Three-Dimensional, Spoked, Bicycle-Like Wheel. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7728-7731.	13.8	81
60	Binary tree-inspired digital dendrimer. <i>Nature Communications</i> , 2019, 10, 1918.	12.8	81
61	Immobilizing Tetraphenylethylene into Fused Metallacycles: Shape Effects on Fluorescence Emission. <i>Journal of the American Chemical Society</i> , 2016, 138, 13131-13134.	13.7	80
62	Self-Healing Heterometallic Supramolecular Polymers Constructed by Hierarchical Assembly of Triply Orthogonal Interactions with Tunable Photophysical Properties. <i>Journal of the American Chemical Society</i> , 2019, 141, 17909-17917.	13.7	80
63	Increasing the size and complexity of discrete 2D metallosupramolecules. <i>Nature Reviews Materials</i> , 2021, 6, 145-167.	48.7	78
64	Toward Controlled Hierarchical Heterogeneities in Giant Molecules with Precisely Arranged Nano Building Blocks. <i>ACS Central Science</i> , 2016, 2, 48-54.	11.3	76
65	Supersnowflakes: Stepwise Self-Assembly and Dynamic Exchange of Rhombus Star-Shaped Supramolecules. <i>Journal of the American Chemical Society</i> , 2017, 139, 8174-8185.	13.7	76
66	Daisy Chain Dendrimers: Integrated Mechanically Interlocked Molecules with Stimuli-Induced Dimension Modulation Feature. <i>Journal of the American Chemical Society</i> , 2020, 142, 8473-8482.	13.7	75
67	Giant, Hollow 2D Metalloarchitecture: Stepwise Self-Assembly of a Hexagonal Supramolecular Nut. <i>Journal of the American Chemical Society</i> , 2016, 138, 10041-10046.	13.7	74
68	Switchable organoplatinum metallacycles with high quantum yields and tunable fluorescence wavelengths. <i>Nature Communications</i> , 2019, 10, 4285.	12.8	73
69	Designed Conformation and Fluorescence Properties of Self-Assembled Phenazine-Cored Platinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2019, 141, 5535-5543.	13.7	73
70	Visible-Light-Driven Rotation of Molecular Motors in Discrete Supramolecular Metallacycles. <i>Journal of the American Chemical Society</i> , 2021, 143, 442-452.	13.7	72
71	Hexameric Palladium(II) Terpyridyl Metallomacrocycles: Assembly with 4,4'-Bipyridine and Characterization by TWIM Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6539-6544.	13.8	70
72	Self-assembly of giant supramolecular cubes with terpyridine ligands as vertices and metals on edges. <i>Chemical Science</i> , 2014, 5, 1221-1226.	7.4	69

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73	Capture and Release of Singlet Oxygen in Coordination-Driven Self-Assembled Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 2601-2608.	13.7	69
74	Self-Assembly of Concentric Hexagons and Hierarchical Self-Assembly of Supramolecular Metal-Organic Nanoribbons at the Solid/Liquid Interface. <i>Journal of the American Chemical Society</i> , 2016, 138, 9258-9268.	13.7	68
75	Rotaxane-Branched Dendrimers with Enhanced Photosensitization. <i>Journal of the American Chemical Society</i> , 2020, 142, 16748-16756.	13.7	68
76	Emissive Metallacycle-Crosslinked Supramolecular Networks with Tunable Crosslinking Densities for Bacterial Imaging and Killing. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15199-15203.	13.8	67
77	Construction of emissive ruthenium(II) metallacycle over 1000 nm wavelength for in vivo biomedical applications. <i>Nature Communications</i> , 2022, 13, 2009.	12.8	66
78	Top-Down Multidimensional Mass Spectrometry Methods for Synthetic Polymer Analysis. <i>Macromolecules</i> , 2011, 44, 4555-4564.	4.8	65
79	Construction of Surface-Metalated Pillar[5]arenes which Bind Anions via Anion- π Interactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14438-14442.	13.8	64
80	A tetraphenylethylene (TPE)-based supra-amphiphilic organoplatinum(II) metallacycle and its self-assembly behaviour. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1823-1828.	5.9	63
81	Self-Assembly of Metallacycles into Multidimensional Suprastructures with Tunable Emissions. <i>Journal of the American Chemical Society</i> , 2018, 140, 12819-12828.	13.7	63
82	Assembling Pentatopic Terpyridine Ligands with Three Types of Coordination Moieties into a Giant Supramolecular Hexagonal Prism: Synthesis, Self-Assembly, Characterization, and Antimicrobial Study. <i>Journal of the American Chemical Society</i> , 2019, 141, 16108-16116.	13.7	63
83	Radical-Induced Hierarchical Self-Assembly Involving Supramolecular Coordination Complexes in Both Solution and Solid States. <i>Journal of the American Chemical Society</i> , 2019, 141, 16014-16023.	13.7	62
84	Porphyrin Nanocage-Embedded Single-Molecular Nanoparticles for Cancer Nanotheranostics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8799-8803.	13.8	62
85	Direct evidence of phospholipids in gecko footprints and spatula-substrate contact interface detected using surface-sensitive spectroscopy. <i>Journal of the Royal Society Interface</i> , 2012, 9, 657-664.	3.4	61
86	Tuning thiol-ene reactions toward controlled symmetry breaking in polyhedral oligomeric silsesquioxanes. <i>Chemical Science</i> , 2014, 5, 1046-1053.	7.4	61
87	Hierarchical Self-Assembly of a Pyrene-Based Discrete Organoplatinum(II) Double-Metallacycle with Triflate Anions via Hydrogen Bonding and Its Tunable Fluorescence Emission. <i>Journal of the American Chemical Society</i> , 2020, 142, 13689-13694.	13.7	61
88	Host-guest assembly of squaraine dye in cucurbit[8]uril: its implication in fluorescent probe for mercury ions. <i>Chemical Communications</i> , 2010, 46, 4073.	4.1	59
89	Separation and Characterization of Metallosupramolecular Libraries by Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 6667-6674.	6.5	59
90	Hierarchical self-assembly of a discrete hexagonal metallacycle into the ordered nanofibers and stimuli-responsive supramolecular gels. <i>Chemical Communications</i> , 2014, 50, 4231.	4.1	59

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91	Spontaneous Formation of a Cross-Linked Supramolecular Polymer Both in the Solid State and in Solution, Driven by Platinum(II) Metallacycle-Based Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 6494-6498.	13.7	58
92	Water-Soluble 3D Covalent Organic Framework that Displays an Enhanced Enrichment Effect of Photosensitizers and Catalysts for the Reduction of Protons to H ₂ . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1404-1411.	8.0	58
93	Dielectric Relaxation and Rheological Behavior of Supramolecular Polymeric Liquid. <i>Macromolecules</i> , 2013, 46, 3160-3166.	4.8	56
94	Drum-like Metallacages with Size-Dependent Fluorescence: Exploring the Photophysics of Tetraphenylethylene under Locked Conformations. <i>Journal of the American Chemical Society</i> , 2021, 143, 9215-9221.	13.7	56
95	Constructing High-Generation Sierpinski Triangles by Molecular Puzzling. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11450-11455.	13.8	54
96	Self-assembly of a supramolecular hexagram and a supramolecular pentagram. <i>Nature Communications</i> , 2017, 8, 15476.	12.8	53
97	Introducing Seven Transition Metal Ions into Terpyridine-Based Supramolecules: Self-Assembly and Dynamic Ligand Exchange Study. <i>Journal of the American Chemical Society</i> , 2020, 142, 1811-1821.	13.7	53
98	Hierarchical Self-Assembly of Nanowires on the Surface by Metallo-Supramolecular Truncated Cuboctahedra. <i>Journal of the American Chemical Society</i> , 2021, 143, 5826-5835.	13.7	53
99	Ring-in-Ring(s) Complexes Exhibiting Tunable Multicolor Photoluminescence. <i>Journal of the American Chemical Society</i> , 2020, 142, 16849-16860.	13.7	52
100	Towards Larger Polygonal Architectures: Synthesis and Characterization of Iron(II) and Ruthenium(II) Bis(terpyridine) Metallomacrocycles. <i>Chemistry - A European Journal</i> , 2011, 17, 7750-7754.	3.3	50
101	Topology Engineering of Proteins <i>in Vivo</i> Using Genetically Encoded, Mechanically Interlocking SpyX Modules for Enhanced Stability. <i>ACS Central Science</i> , 2017, 3, 473-481.	11.3	50
102	Aqueous Platinum(II) Cage-Based Light Harvesting System for Photocatalytic Cross-Coupling Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2019, 131, 8954-8958.	2.0	50
103	Self-assembly of polycyclic supramolecules using linear metal-organic ligands. <i>Nature Communications</i> , 2018, 9, 4575.	12.8	49
104	Luminescent Metallacycle-Cored Liquid Crystals Induced by Metal Coordination. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10143-10150.	13.8	49
105	Self-Assembly of Supramolecular Fractals from Generation 1 to 5. <i>Journal of the American Chemical Society</i> , 2018, 140, 14087-14096.	13.7	48
106	Discrete Stimuli-Responsive Multirotaxanes with Supramolecular Cores Constructed through a Modular Approach. <i>Chemistry - A European Journal</i> , 2015, 21, 6286-6294.	3.3	47
107	Supramolecular Transformation of Metallacycle-linked Star Polymers Driven by Simple Phosphine Ligand-Exchange Reaction. <i>Journal of the American Chemical Society</i> , 2019, 141, 583-591.	13.7	46
108	From supramolecular triangle to heteroleptic rhombus: a simple bridge can make a difference. <i>Chemical Communications</i> , 2012, 48, 9873.	4.1	45

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109	Coordination-Driven Self-Assembly of Carbazole-Based Metallodendrimers with Generation-Dependent Aggregation-Induced Emission Behavior. <i>Chemistry - A European Journal</i> , 2015, 21, 12947-12959.	3.3	45
110	Coordination-driven self-assembly of a Pt(<i>iv</i>) prodrug-conjugated supramolecular hexagon. <i>Chemical Communications</i> , 2018, 54, 731-734.	4.1	45
111	Formation of linear supramolecular polymers that is based on host-guest assembly in water. <i>Chemical Communications</i> , 2011, 47, 8883.	4.1	44
112	Direct Self-Assembly of a 2D and 3D Star of David. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5258-5262.	13.8	44
113	Photoresponsive azo-combretastatin A-4 analogues. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1-7.	5.5	44
114	Diamondoid Supramolecular Coordination Frameworks from Discrete Adamantanoid Platinum(II) Cages. <i>Journal of the American Chemical Society</i> , 2018, 140, 7005-7011.	13.7	44
115	A Dynamic Hydrogen-Bonded Azo-Macrocyclic for Precisely Photo-Controlled Molecular Encapsulation and Release. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12519-12523.	13.8	44
116	Single-molecule level control of host-guest interactions in metallocycle-C60 complexes. <i>Nature Communications</i> , 2019, 10, 4599.	12.8	44
117	Pillar[5]arene-Containing Metallacycles and Host-Guest Interaction Caused Aggregation-Induced Emission Enhancement Platforms. <i>Journal of the American Chemical Society</i> , 2020, 142, 16930-16934.	13.7	44
118	Efficient self-assembly of heterometallic triangular necklace with strong antibacterial activity. <i>Nature Communications</i> , 2020, 11, 3178.	12.8	43
119	Engineering π - π interactions for enhanced photoluminescent properties: unique discrete dimeric packing of perylene diimides. <i>RSC Advances</i> , 2017, 7, 6530-6537.	3.6	42
120	Orthogonal Halogen-Bonding-Driven 3D Supramolecular Assembly of Right-Handed Synthetic Helical Peptides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7778-7782.	13.8	41
121	The Covalent and Coordination Co-Driven Assembly of Supramolecular Octahedral Cages with Controllable Degree of Distortion. <i>Journal of the American Chemical Society</i> , 2020, 142, 13356-13361.	13.7	41
122	Anionic Synthesis of Mono- and Heterotelechelic Polystyrenes via Thiol-Ene Click-Chemistry and Hydrosilylation. <i>Macromolecules</i> , 2011, 44, 3328-3337.	4.8	40
123	Assembly of Metallacages into Soft Suprastructures with Dimensions of up to Micrometers and the Formation of Composite Materials. <i>Journal of the American Chemical Society</i> , 2018, 140, 17297-17307.	13.7	40
124	Stable, trinuclear Zn(ii)- and Cd(ii)-metallocycles: TWIM-MS, photophysical properties, and nanofiber formation. <i>Dalton Transactions</i> , 2012, 41, 11573.	3.3	39
125	A zwitterionic squaraine dye with a large Stokes shift for in vivo and site-selective protein sensing. <i>Chemical Communications</i> , 2012, 48, 11313.	4.1	38
126	Synthesis of Metallopolymers and Direct Visualization of the Single Polymer Chain. <i>Journal of the American Chemical Society</i> , 2020, 142, 6196-6205.	13.7	38

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127	Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14116-14120.	13.8	37
128	Self-Assembly of Porphyrin-Based Metallacages into Octahedra. <i>Journal of the American Chemical Society</i> , 2020, 142, 17903-17907.	13.7	37
129	Hexaphenylbenzene-Based Deep Blue-Emissive Metallacages as Donors for Light-Harvesting Systems. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	37
130	Unexpected Self-Assembly of Chiral Triangles from 90° Chiral Di-Pt(II) Acceptors. <i>Organic Letters</i> , 2014, 16, 664-667.	4.6	36
131	Synthesis, crystal structure, enhanced photoluminescence properties and fluoride detection ability of S-heterocyclic annulated perylene diimide-polyhedral oligosilsesquioxane dye. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2566-2576.	5.5	36
132	Direct Self-Assembly of a 2D and 3D Star of David. <i>Angewandte Chemie</i> , 2017, 129, 5342-5346.	2.0	36
133	Multiple Transformations among Anion-based $A_{23}L_{32}$ Assemblies: Bicapped Trigonal Antiprism A_{812} , Tetrahedron A_{46} , and Triple Helicate $A_{23}L_{32}$ ($A = \text{Anion}$). <i>Journal of the American Chemical Society</i> , 2020, 142, 21160-21168.	13.7	36
134	Multidimensional Mass Spectrometry Assisted Metallo-Supramolecular Chemistry. <i>CCS Chemistry</i> , 2022, 4, 785-808.	7.8	36
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